

FIG. 1A

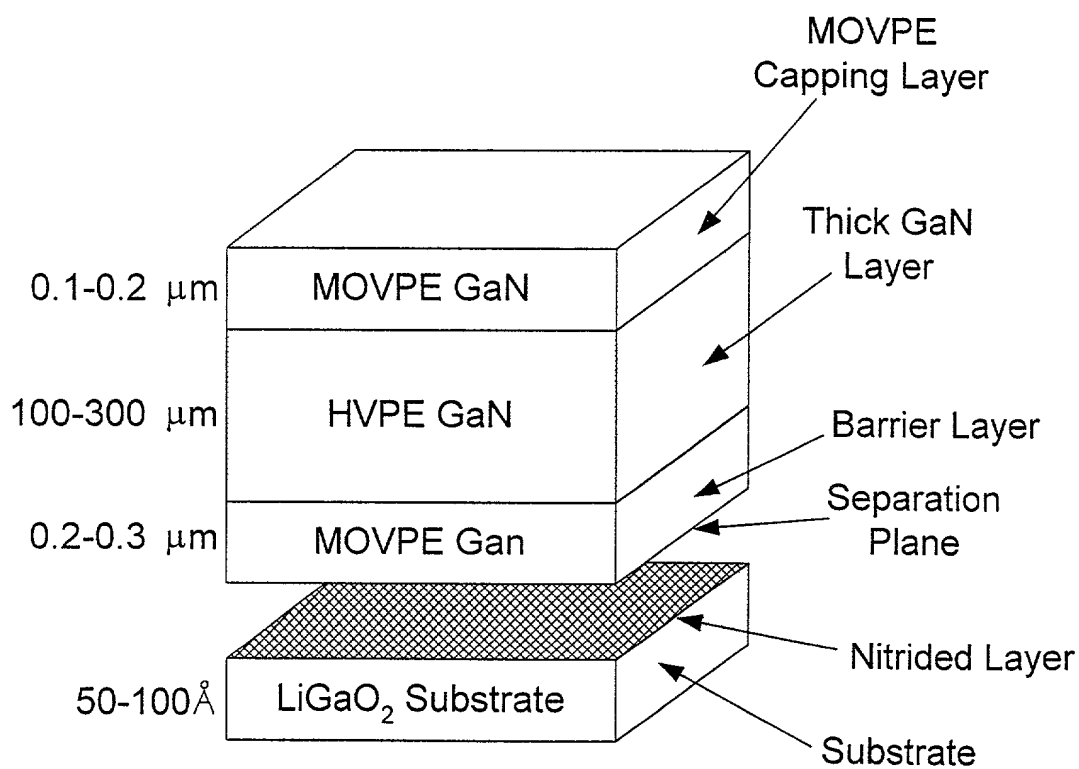


FIG. 1B

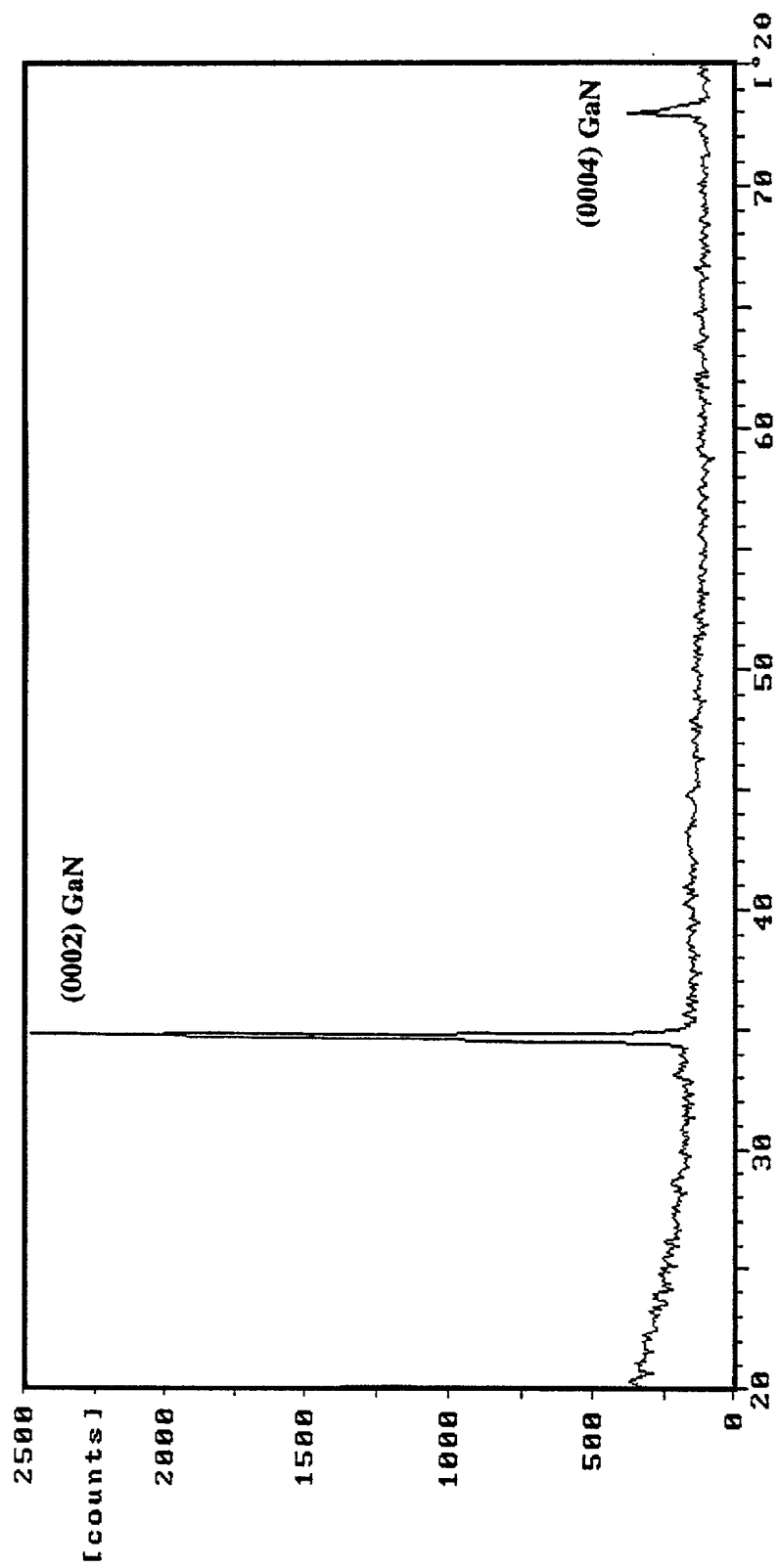
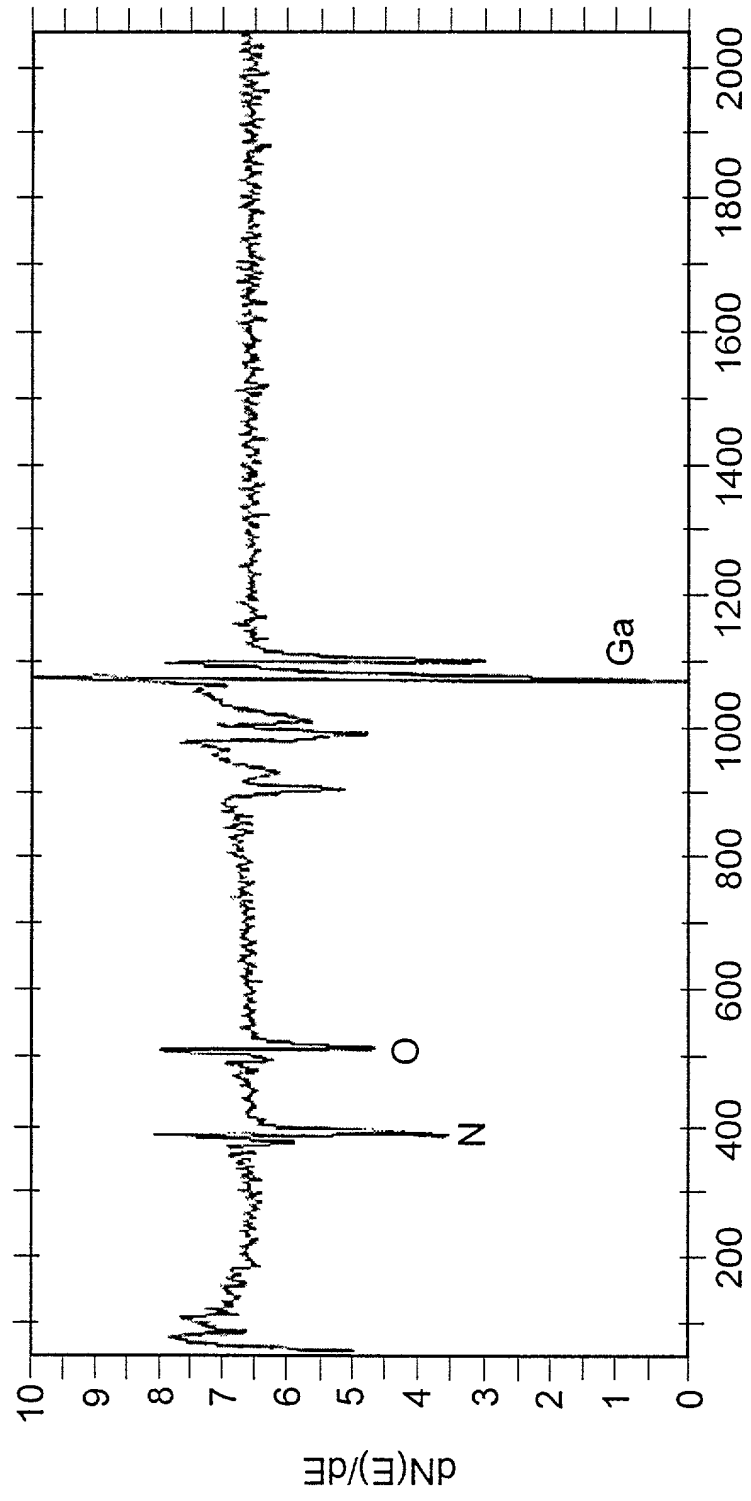
[illegible]

FIG. 2



KINETIC ENERGY, eV

FIG. 3A

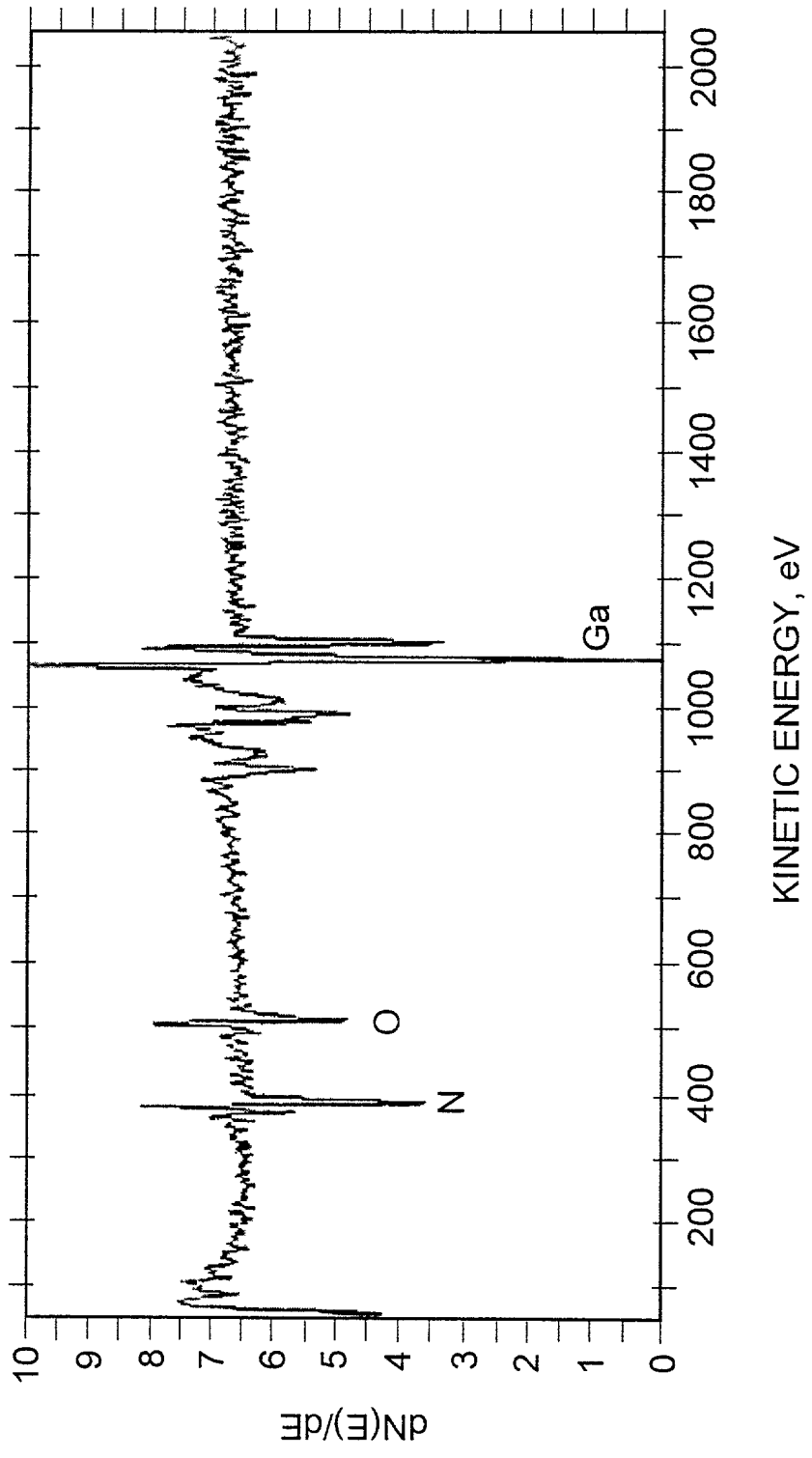


FIG. 3B

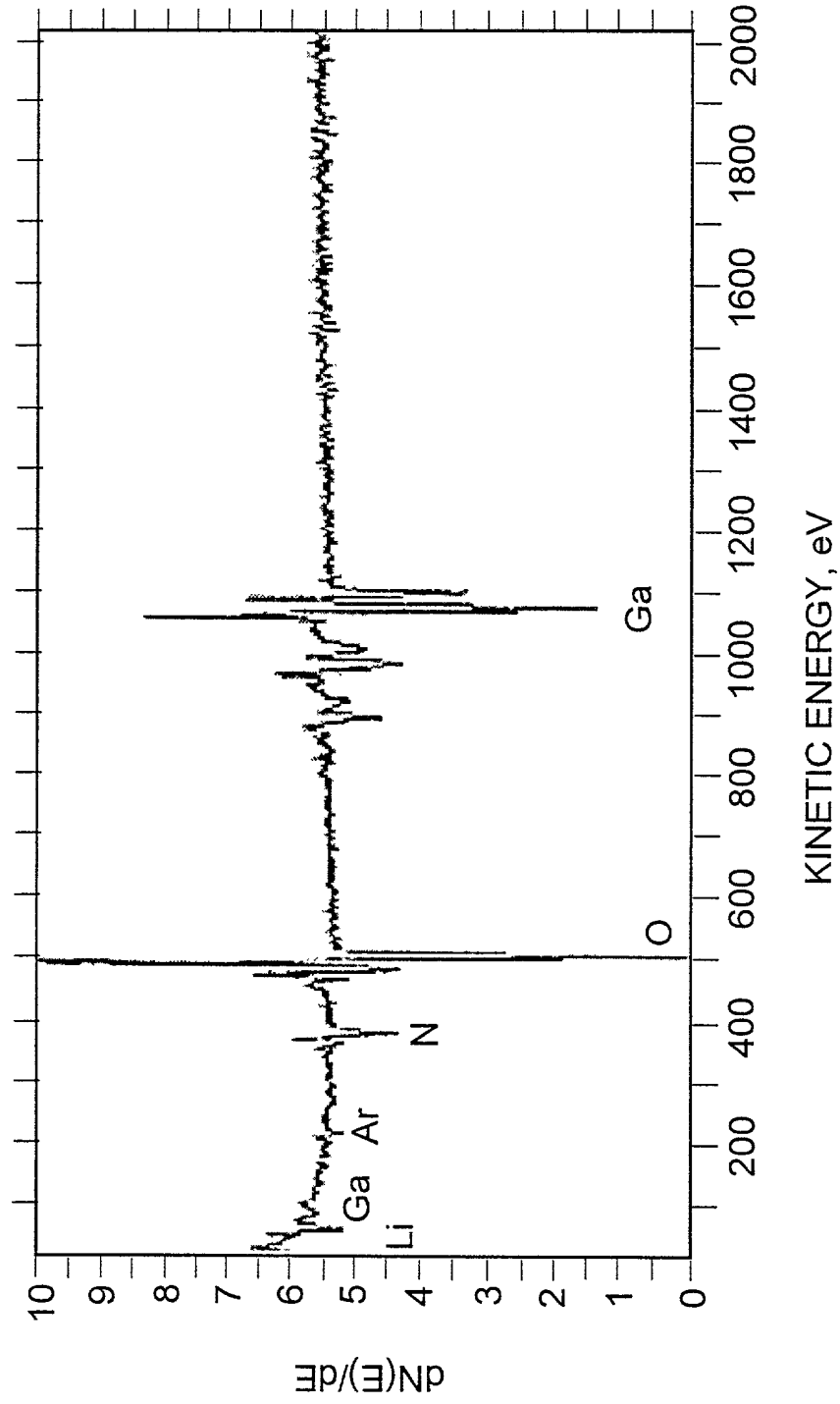


FIG. 3C

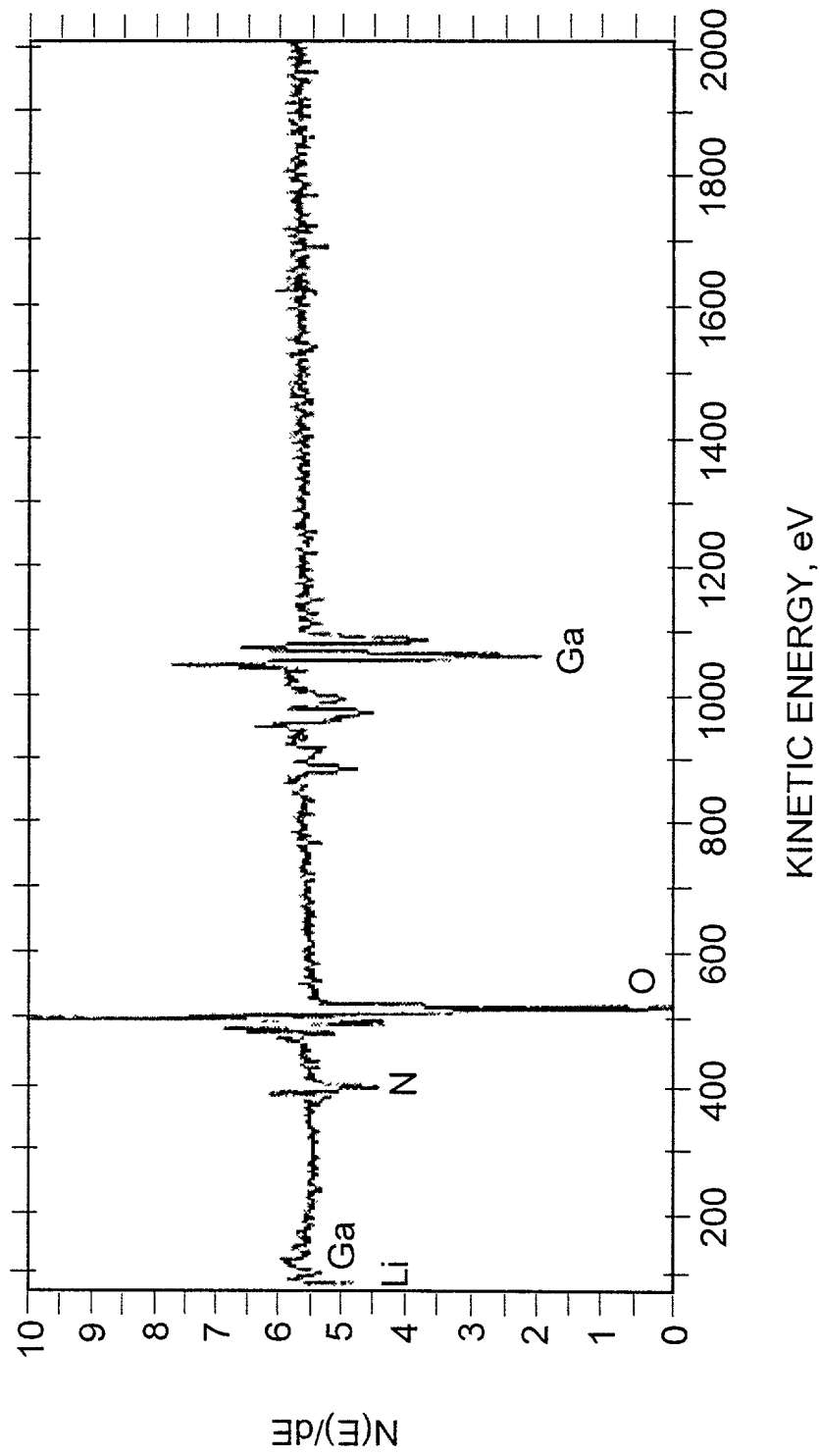


FIG. 3D

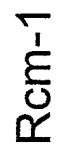


FIG. 3E

FIG. 3F is a graph of the Raman spectrum of the sample, showing the Raman shift in cm⁻¹ on the x-axis and the intensity in arbitrary units on the y-axis. The spectrum shows a broad peak centered around 500 cm⁻¹, which is labeled as the TO (Transverse Optical) mode. A smaller peak is visible at approximately 600 cm⁻¹, labeled as the E₂ mode. The LO (Longitudinal Optical) mode is indicated by a dashed line at approximately 700 cm⁻¹. The x-axis ranges from 100 to 1000 cm⁻¹, and the y-axis ranges from 0 to 14000 arbitrary units.

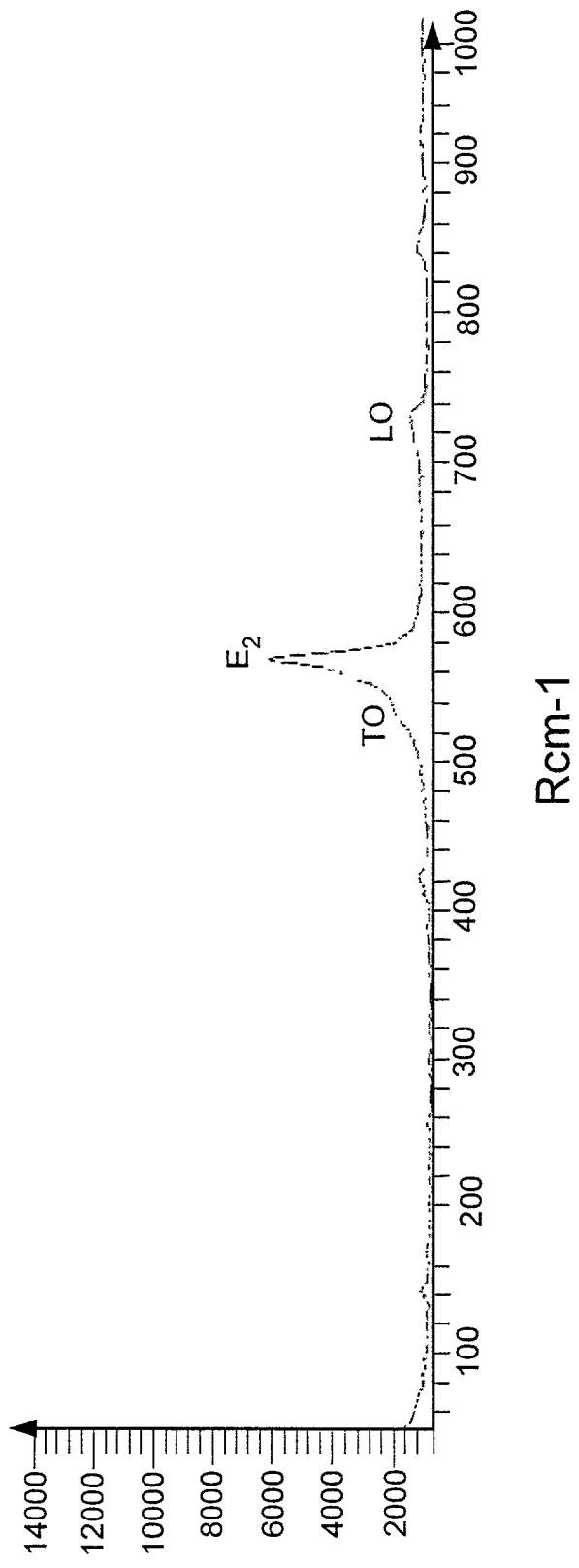


FIG. 3F

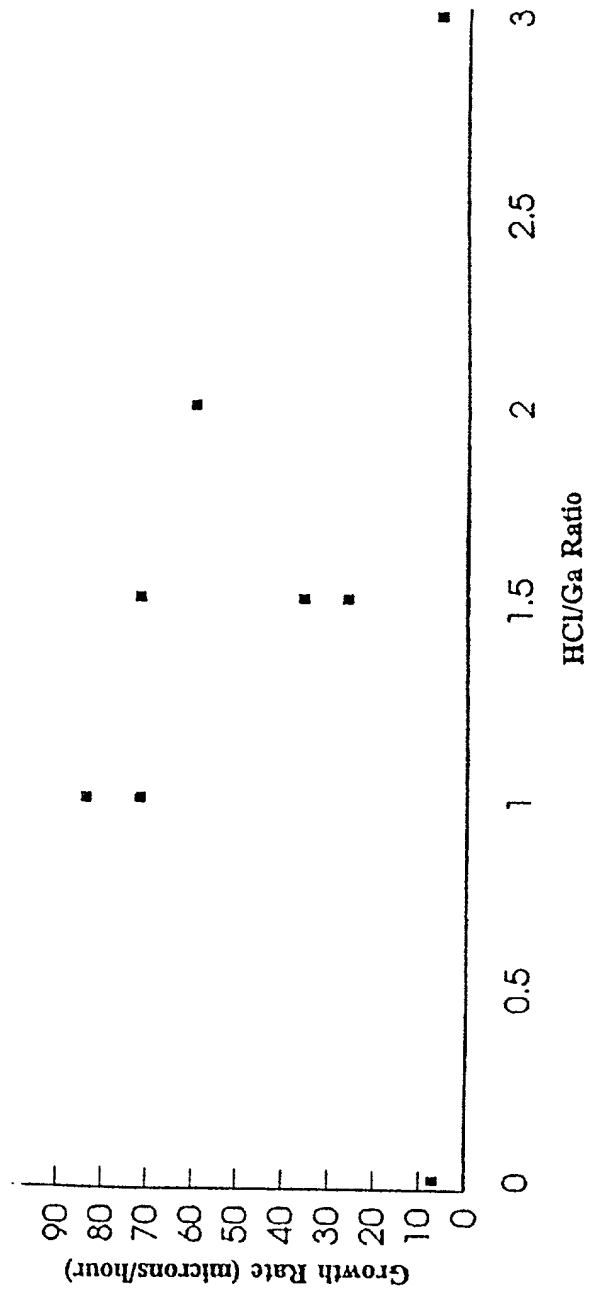


FIG. 4

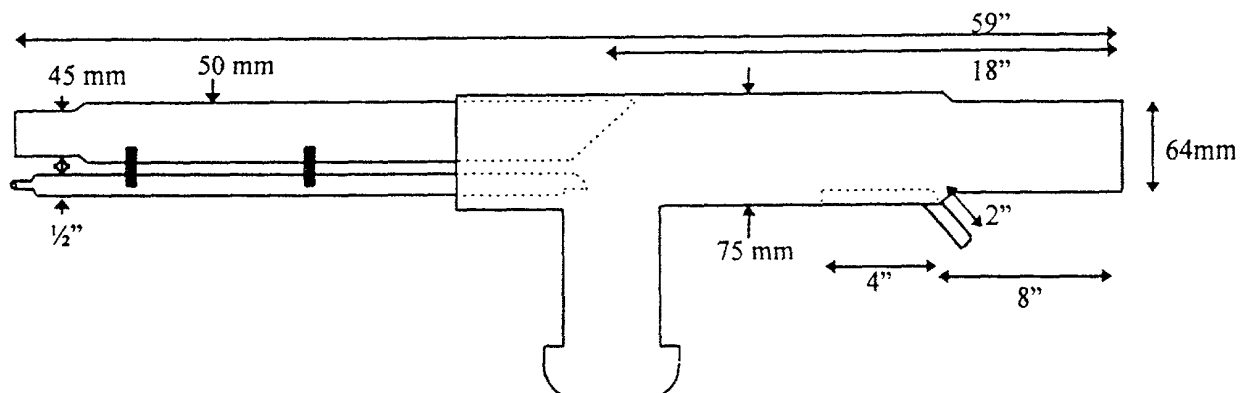


FIG. 5

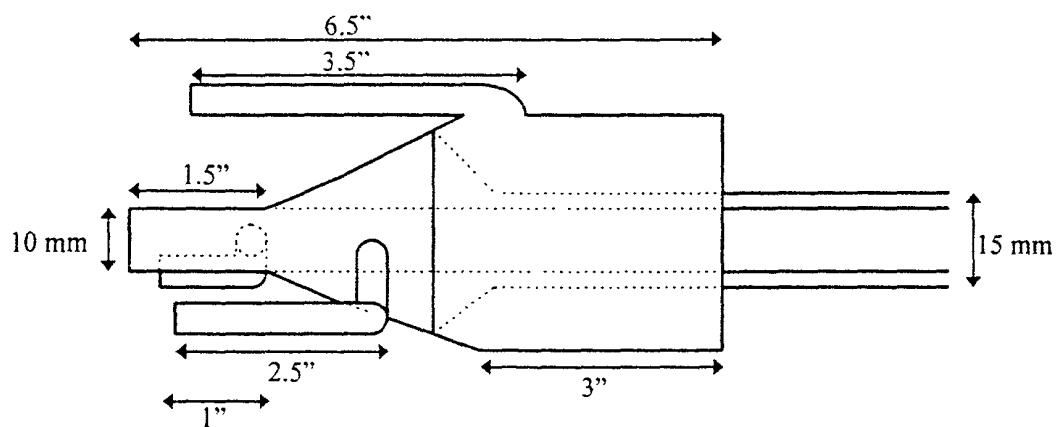


FIG. 6A

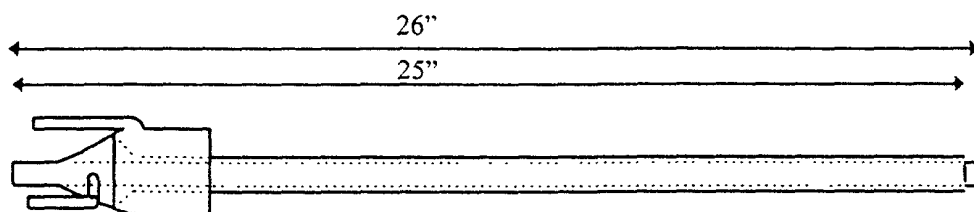


FIG. 6B